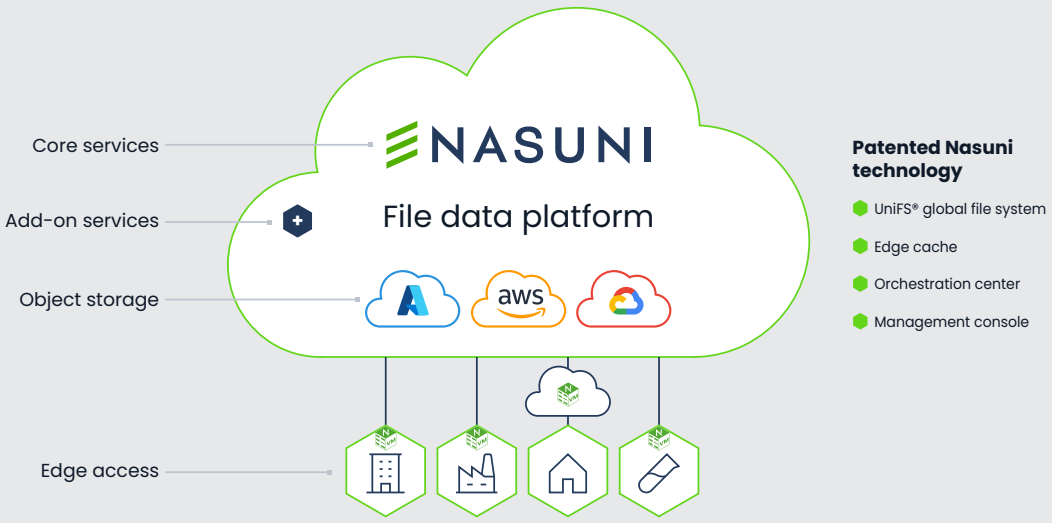
NASUNI

Data sheet

Nasuni File Data Platform

The only file architecture built for hybrid cloud storage



Overview

Nasuni is a hybrid cloud storage solution designed specifically for scalability, security and performance. The Nasuni File Data Platform is a cloud-native replacement for traditional network-attached storage (NAS) and file server infrastructure, but with many more advanced capabilities. Nasuni consolidates file data in easily expandable, highly-durable object storage such as Amazon S3, Azure Blob, and Google Cloud object storage at a fraction of the cost of on-premises or other cloud solutions. The Nasuni File Data Platform delivers effortless scalability, built-in security and fast edge performance, including S3 protocol support, that increases business productivity, all within a single, unified administrative experience.

Unique benefits of Nasuni

Because Nasuni was natively built for the cloud, customers benefit from all that it offers, including:

Cost avoidance: Accelerate cloud-first initiatives to lower infrastructure costs

Dramatic risk reduction: Immediately minimize the business impact of cybersecurity threats with built-in security

User productivity: Make files of any size accessible to on-premises, hybrid, and remote teams securely and with local performance

Operational efficiency: Single administrative experience simplifies management and reduces burdens on IT resources

One unified global file system

Every Nasuni customer enjoys the same core set of integrated file data services that replace alternative multiple, stand-alone products and technologies.

File storage without limits

Nasuni unshackles your infrastructure from volume and file size limitations. Gain the flexibility to align your file storage to the business and easily adjust and expand as needed.

Built-in security

Nasuni Continuous File Versioning® takes snapshots as often as every minute and stores them as immutable versions without any retention limits (RPO). Nasuni enables petabytes of file data and millions of files can be restored in minutes (RTO). Built-in disaster recovery takes only 15 minutes to recover access to impacted file shares. Ransomware detection and mitigation at the edge stops cyber attacks quickly and enables fast recovery.

Nasuni encrypts all file data with AES-256 encryption to ensure that the data is secure in transit to and at rest in cloud object storage. Customers create and hold the encryption keys, so neither Nasuni nor the cloud provider can decrypt or view the file data. Nasuni also uses an independent cloud-based control path service that separates command-and-control functions from the data path, ensuring that no customer data is ever shared with Nasuni or cloud providers.

Multi-cloud

Nasuni works with public cloud object storage solutions such as Azure Blob, Amazon S3, and Google Cloud and private cloud solutions such as Dell EMC ECS, Pure Storage FlashBlade, and NetApp StorageGRID, giving customers the flexibility to store their data in whichever cloud makes sense for their business.

File synchronization

Improve your workforce productivity by synchronizing files to a single global file system. Nasuni Global File Synchronization propagates new and changed file data to other locations, so geographically distributed users are constantly working on the latest version of every file.

Edge performance

Lightweight Nasuni Edge virtual machines can be deployed on-premises or in the cloud to intelligently cache copies of frequently accessed data from cloud object storage for high-performance access. Nasuni continually applies data and metadata analysis to predict the file data most likely to be accessed, maximizing Nasuni Edge cache utilization.

App integration

Nasuni integrations with leading design apps such as AutoCAD, Adobe Creative Cloud, BIM360, and Revit, and workflow management tools including Siemens Teamcenter PLM, Azure Power Automate, and Work to optimize worker productivity and multi-site file synchronization. Integrations ensure that administrators have the accurate information they need to improve and manage crucial business applications.

Extensive protocol support

Nasuni supports access to files through standard SMB (CIFS), NFS, S3, FTP/SFTP, and HTTPS file-sharing protocols for Microsoft Windows, Linux, and macOS with advanced support for extended macOS file attributes and metadata, allowing for easy file sharing across all environments.

NASUNI

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Nasuni is a scalable data platform for enterprises facing an explosion of unstructured data in an AI world, eliminating the choice between expensive tinkering or an overwhelming transformation of your entire data infrastructure.

The Nasuni File Data Platform delivers effortless scale in hybrid cloud environments, enables control at the network edge, and meets the modern enterprise expectation for protected, insight- and AI-ready data. It simplifies file data management while increasing access and performance.

Consolidate data, cut costs, and empower users – all while transforming your data from obstacle into opportunity.